

PATENT
181A 3315

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

TOMOKAZU ITO

Serial No.: 10/234,602

Filed: September 4, 2002

For: PAN/TILT CAMERA SYSTEM

Art Unit: 2851

Examiner: David M. Gray

AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

Dear Sir:

In response to the Office Action dated May 7, 2003, please amend the above-identified application as follows:

IN THE ABSTRACT OF THE DISCLOSURE:

Please delete the Abstract of the Disclosure and substitute therefor:

A pan/tilt camera system includes a sensor spaced from a rotational shaft of a pan/tilt camera, a detected piece rotated with the rotational shaft so as to correspond to the sensor, an origin setting unit rotating the rotational shaft in a first direction upon turn-on of a power and thereafter in a second direction opposite to the first direction so that the sensor detects a rear end of the detected piece for setting an origin, a pulse counter applying a predetermined number of pulses to the motor after set of the origin so that the rotational shaft is continuously rotated in the second direction and counting pulses applied to the motor until a front end of the detected piece with respect to the rotation direction of the detected piece is detected, and a backlash calculating unit comparing a count of the pulse counter with the predetermined number of pulses applied to the motor thereby to calculate an amount of backlash of the drive mechanism.